West Nile Virus Report

WCCHD actively monitors mosquitoes for West Nile Virus (WNV) weekly, typically between May-November each year. Trapped mosquitoes are sent to the Texas Department of State Health Services Laboratory for testing and viral reporting.

To date, there have been nine lab-confirmed positive WNV mosquito samples. There has been one human West Nile Virus case confirmed in 2016.

<table>
<thead>
<tr>
<th>Notification Date</th>
<th>Location</th>
<th>Activities</th>
</tr>
</thead>
</table>
| 07-15-2016        | 78613 (Cedar Park) | • Positive WNV mosquito pool  
|                   |          | • Two weeks of expanded trapping and testing - no additional WNV |
| 08-16-2016        | 76511 (Bartlett) | • Positive WNV mosquito pool (08-09-16 sample)  
|                   |          | • Truck-mounted spraying conducted on 08-24-16, 08-25-16 and 08-26-16 |
| 08-30-2016        | 76511 (Bartlett) | • Positive WNV mosquito pool from expanded trapping and testing collected on 08-24-16 (prior to spraying) |
| 09-13-2016        | 76511 (Bartlett) | • Truck-mounted spraying conducted on 09-13-16, 09-14-16 and 09-15-16 |
| 09-27-2016        | 76511 (Bartlett) 78634 (Hutto) | • Positive WNV mosquito pool (09-20-16 sample)  
|                   |          | • Positive WNV mosquito pool (09-20-16 sample) |
| 10-18-2016        | 78626 (Georgetown) | • Positive WNV mosquito pool (10-11-16 sample)  
|                   |          | • Truck-mounted spraying conducted on 10-19-16 |
| 10-24-2016        | 78681 (unincorporated Williamson County) 78626 (Georgetown) | • Positive WNV mosquito pool (10-13-16 sample)  
|                   |          | • Positive WNV mosquito pool (10-18-16 sample)  
|                   |          | • Truck-mounted spraying conducted on 10-19-16 |
| 10-27-2016        | 78613 (Cedar Park) 78626 (Georgetown/unincorporated Williamson County) | • Positive WNV mosquito pool (10-20-16 sample)  
|                   |          | • Notified of probable WNV human case  
|                   |          | • Truck-mounted spraying conducted on 10-29-16, 10-30-16, 11-01-16 |
| 11-07-2016        | 78634 (Hutto) | • Two positive WNV mosquito pools (11-01-16 sample)  
|                   |          | • Truck-mounted spraying to be conducted on 11-11, 12, 13-2016 |
| 11-08-2016        | 78641 (Leander) | • Positive WNV mosquito pool (11-3-16 sample)  
<p>|                   |          | • Truck-mounted spraying to be conducted on 11-11, 12, 13-2016 |</p>
<table>
<thead>
<tr>
<th>Date</th>
<th>Zip Code</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>11-23-2016</td>
<td>76537 (Jarrell)</td>
<td>• Notified of probable WNV human case (confirmed 12-20-16)</td>
</tr>
</tbody>
</table>
2016 West Nile Virus Activity to Date by Zip Code

Legend
- Austin Travis Vector Control
- Positive Mosquito Pools
- Confirmed Horse Positive
- Confirmed/Probable Human Case
- No Mosquito Sampling
- No WNV Detected

Date: 12/5/2016
If you have any questions about this map, please contact mosquito@wcchd.org
Zika, Chikungunya and Dengue Report

The Texas Department of State Health Services Laboratory notifies the WCCHD Disease Control and Prevention Division when a positive test is confirmed.

To date, WCCHD has received notification of five travel-related Zika cases, and one travel-related Chikungunya (CHIKV) case.

Staff continues to work with area physicians to educate them on the process of submitting specimens to the state laboratory for Zika virus testing. Guidance related to Zika disease and pregnancy, laboratory testing, and prevention of sexual transmission of Zika virus have been prepared by the CDC and is posted on the www.wcchd.org web site.

In the event of local Zika transmission, Zika Prevention Kits will be available to pregnant women who reside in the surrounding area of a suspected transmission. The kit includes DEET mosquito repellent, mosquito dunks, condoms, Zika fact sheets, and homeowner prevention literature. An environmental assessment of the home and surrounding area will also be conducted. To date, there have been zero reports of local transmission in Williamson County.

A “Provider Toolbox” web page is located at www.wcchd.org/services/toolbox.php and includes clinician information on symptoms and testing.

The most common symptoms of Zika virus disease are fever, rash, joint pain, and conjunctivitis (red eyes). The illness is typically mild and resolves within one week.

WCCHD continues to encourage people to follow travel precautions and avoid mosquito bites. Preventative measures residents can take to avoid mosquito bites include draining any water around their property, wearing long-sleeved shirts and long pants and using EPA registered insect repellents.

WCCHD Disease Control and Prevention staff is available 24/7 to support healthcare providers in responding to any patient with a suspect Zika infection. Contact information is available at www.wcchd.org/services/toolbox.php.

Additional Resources:

- Texas Department of State Health Services Arbovirus Weekly Activity Reports
- www.texaszika.org
- www.cdc.gov/zika
- www.cdc.gov/westnile